PrivatePage®

Operator's Guide

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COMMAND® COMMUNICATIONS®

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Important notes

According to standard industry practice, surge protection is recommended for use with all electronic devices. A surge suppressor should be used on the input power supply of PrivatePage.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to tell the user that parts inside the product present a risk of electric shock to persons.

This symbol is intended to tell the user that important operating and servicing instructions are included in the Owner's Guide.

Warning: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Caution: TO REDUCE THE RISK OF FIRE, DO NOT PLACE ANY HEATING OR COOKING APPLIANCE BENEATH THIS UNIT.

Introduction to PrivatePage

Thank you for purchasing PrivatePage. PrivatePage is a wireless, on-premise paging system that alerts you to important messages through its individual system pagers. PrivatePage is also equipped with two dry contact closures that when triggered, each contact will page a single pager or group of pagers automatically. Listed below are examples of various applications where PrivatePage can be used:

- churches
- construction sites
- restaurants
- offices
- hospitals/clinics
- hotels
- camp grounds
- retail outlets
-

Other PrivatePage system features include:

Non-Volatile Memory --stores system and pager codes for over one year, even if power fails.

Group Page Feature --sends a message to specific groups of pagers simultaneously.

Page All Feature --sends a message to all pagers simultaneously.

AC/DC Operation --allows use from a standard 120 volt AC wall outlet, or from a standard 12 volt DC cigarette lighter. (Adapter cable not included.)

Center-Loaded Antenna --provides up to a maximum of 2 miles transmitting range (depending on reception conditions). This antenna can be replaced with an outdoor antenna for extended transmitting range. (An outdoor antenna can be purchased at a consumer electronics store.)

- residential properties

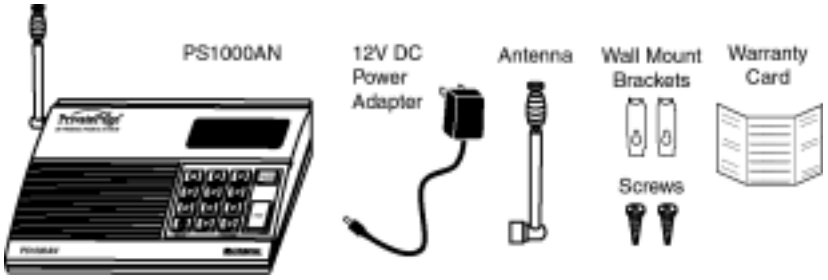
PrivatePage operates in most environments where you need unlimited/direct paging.

PrivatePage can send 10 different message codes (0-9), and address up to 1,000 individual (system) pagers.

Please read through the rest of this guide to learn how to properly install and operate PrivatePage.

Unpacking PrivatePage

When you open the PrivatePage box for the first time, inspect the contents. In the box, you should find the following items:

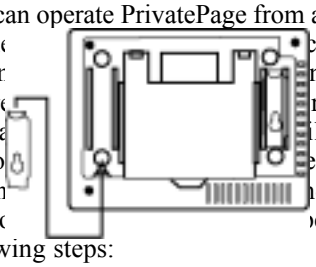


If any of these items are missing or damaged, contact the dealer where you purchased the unit, or call Customer Service at the number listed in "Service Information."

Installing PrivatePage

Positioning PrivatePage

You can operate PrivatePage from a flat surface such as a tabl can use the supplied wall-r n a wall. Steel and concr range. If PrivatePage is loca lding, and part of the co the structure, place the un dow.

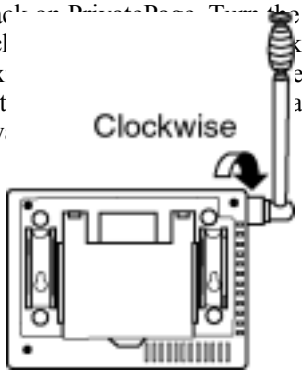


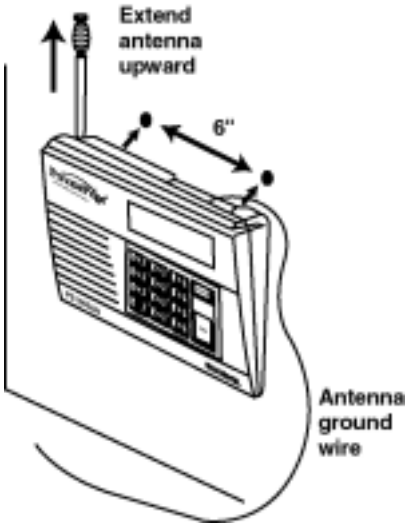
To m erform the following steps:

1. Slide the wall-mount brackets into the 2 wall-mount slots, as shown.
3. Mark the positions for the 2 supplied mounting screws on the wall. The positions should be 6" apart. Drill the 2 holes, then thread the screws into the wall. The screws should extend 3/16". Do not over tighten the screws.
4. Align the keyholes on the back of the brackets with the 2 screws, then push in and press down to secure PrivatePage to the wall.

PrivatePage

2. Insert the center-loaded antenna connector into the **ANTENNA** jac[illegible] connector clock[illegible]s in place. For max[illegible]e antenna to its full lengt[illegible]avoid contact with w[illegible]





For best transmission, both the center-loaded antenna and the black antenna ground wire must be fully extended. Do not coil the antenna ground wire, as this will decrease transmission efficiency.

Back of PrivatePage

You can use an outdoor base station antenna in place of the supplied antenna to increase transmitting range. The PL259-type antenna jack allows use with a variety of antennas.

When installing or removing a base station antenna, use extreme caution.

If it starts to fall, let it go. It could contact overhead power lines. If the antenna touches the power line, contact with the antenna, mast, cable, or guy wires can cause electrocution and death.

Call the power company to remove the antenna. Do not attempt to do so yourself.

Connecting power to PrivatePage

120V AC power (in home or office)

Connect the small end of the power cord into the port labeled **DC 12V**. Plug the power adapter into a standard AC wall outlet.

PrivatePage does not operate when power fails, but it maintains the system code in memory. (See "Storing the system code.")

Because PrivatePage maintains its memory through power failure, there is no need to reprogram the unit when power is restored. PrivatePage can maintain this code for more than one year without power.

12V DC power (in car, truck or boat)

PrivatePage can also operate from a 12V DC power source, such as in a car, truck or boat that has a cigarette lighter receptacle.

Simply connect PrivatePage to the cigarette lighter with an optional adapter cable. (In this application, transmission range may be reduced.)

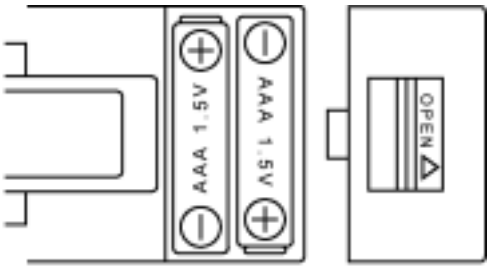
Contact Customer Service at the number listed in "Service information" for information about purchasing a 12V DC

Installing/replacing pager batteries

PrivatePage works with both P01 (tone or flash), VP100 (vibrating) and VP101 (tone or vibrating) system pagers (not included).

The individual pagers are powered by two (2) AAA batteries (not supplied). We recommend that you use alkaline batteries to power the pagers. To install or replace the pager's batteries, follow these steps:

1. Slide the battery compartment door open.
2. Insert 2 fresh alkaline batteries as indicated by the polarity symbols (+ and -) marked inside the compartment.
3. Slide the battery compartment door closed.



The pager will notify you when the batteries are getting low, by displaying b on the pager's LED when you press the pager's **ON/OFF** switch. It will also notify you by beeping every 5 minutes.

The pagers also maintain memory during power loss, therefore, you do not need to re-enter the pager codes (see "Storing the pager code").

PrivatePage Operator's Guide

Using PrivatePage

In this section, there are operating notes for using PrivatePage. Read these notes before attempting to operate the system.

Overview

Before operating PrivatePage, be sure that you understand the following information concerning the paging system's capabilities.

PrivatePage covers a maximum range of up to 2 miles using the supplied center-loaded antenna. This distance is based on optimum conditions over a line-of-sight path. The range might be less, depending on surrounding conditions.

PrivatePage sends a number (from 0-9) to a single pager, a group of pagers, or all system pagers. The pagers in turn beep or vibrate (P01 beeps, VP100 vibrates, VP101 beeps or vibrates) and displays the numeric message. Each pager has a label where you can record the message you've assigned for each number. We recommend that you use a pencil, so the number can be easily changed at a later date.

Each pager has its own pager code, which allows PrivatePage to send a message to selected pagers. You can record up to 100 pager codes and their corresponding users on the card located under PrivatePage (additional space is provided on the last page of these instructions).

The card is inside the bottom of the unit and must be pulled out from the front. You can also write down the messages represented by each message code. Again, we recommend that you use a pencil, so the number can be easily changed at a later date.

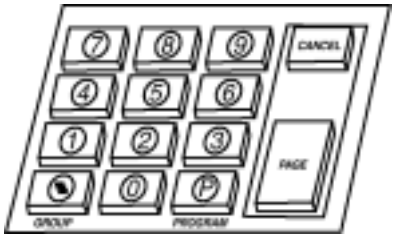
Storing the system code

Before you can use PrivatePage, you must designate a system code. The system code ensures proper signaling between PrivatePage and the pagers.

To enter and store a system code, follow these steps:

3. Press **PROGRAM**, then **0**. The **TRANSMIT** display will show the stored system code momentarily, then **_ _ _** will appear (after pressing **PROGRAM**, the display flashes).

4. Enter a 3-digit system code. After about 1 second, the display shows **- - - -**, indicating the system code is stored.



(Keypad on PrivatePage.)

If you enter a wrong code, repeat steps 2 through 4 to reset the system code.

NOTE: If your application requires more than 1,000 pagers, you can use multiple PrivatePage systems. If using more than one PrivatePage, each system should have a unique system code.

Storing the pager code

Before you can use the pagers with PrivatePage, you must designate a pager code for each of the pagers.

NOTE: You must reset all pager codes when you enter a new system code.

To enter and store a pager code in either the P01, VP100, or the VP101 pagers, follow these steps:

1. Turn the pager **OFF**.

2. Press and hold the **ON/OFF** switch, then slide it to . Continue holding this switch down until the display shows = (about 5 seconds). The display then shows an **L** indicating that the pager is ready to receive a new code.

3. Make sure that PrivatePage is turned **ON**, then enter a 3-digit pager code (000-999) and then **0**.

4. Press the **PAGE** button on PrivatePage, and the unit will transmit the pager code to the pager. The pager will beep 5 times, and flash **8** on its display, indicating that it received the message code **0**.

5. Once the pager code is successfully stored, turn the pager **OFF** and then **ON** before attempting to transmit a message code.

Example: If you want the pager to have a new pager code such as: 450, enter 4500, and press **PAGE**.

After you press the **PAGE** button, the PrivatePage LED flashes the 4 digits 7 times, and simultaneously transmits the pager code to the pager. The 4 digits will remain illuminated until you perform one of the following actions:

- Turn PrivatePage **OFF**
- Press the **CANCEL** button

Perform the preceding steps for each pager used with PrivatePage.

NOTE: If the pager does not successfully store the pager code, repeat the preceding steps.

Transmitting a message code to a single pa

1. Turn PrivatePage power **ON**. (The power switch is located on the back panel of PrivatePage.)

2. Press the **CANCEL** button if the display shows unwanted pager or message codes.

3. Enter the 3-digit code for the pager you want to receive the message, then the one digit message code that you want to send. If you enter the wrong pager or message code, press the **CANCEL** button, then re-enter the correct codes.

NOTE: You cannot reset either of these codes after you press the **PAGE** button.

4. Press the **PAGE** button. The **TRANSMIT** display lights during transmission, and the pager's display flashes the message code number 7 times. The 4 digits will remain illuminated until you perform 1 of the following actions:

- Turn PrivatePage **OFF**
- Press the **CANCEL** button

5. Press **CANCEL**, then repeat steps 3 and 4 if you want to transmit another message code to another pager.

Transmitting a message code to groups of pa

1. Turn PrivatePage power **ON**.

2. Press the **CANCEL** button if the display shows unwanted pager or message codes.

3. Enter the 3-digit code for the group of pagers you want to receive the message, then the 1-digit message code that you want to send.

The **GROUP** button represents 0-9 and can be inserted into any position of this 3-digit code. This designates the specific group of pagers to receive the message code. Example:

Press **10 GROUP** (then message code) - sets message code for pagers numbered 100, 101, 102, 103, 104, 105, 106, 107, 108, 109.

Or, press **1 GROUP 0** (then message code) - sets message code for pagers numbered 100, 110, 120, 130, 140, 150, 160, 170, 180, 190.

Or, press **GROUP 0 0** (then message code) - sets message code for pagers numbered 000, 100, 200, 300,

Or, press **0 GROUP GROUP** (then message code) - sets message code for all pagers numbered 000 through 099.

Or, to page all pagers, press **GROUP GROUP GROUP** (then message code) - sets message code for all pagers numbered 000 through 999.

If you enter the wrong pager or message code, press the **CANCEL** button, then re-enter the correct codes. NOTE: You cannot reset either of these codes after you press the **PAGE** button.

4. Press the **PAGE** button. The **TRANSMIT** display lights during transmission, and the pager's display flashes the message code number 7 times. The four digits (**GROUP** is represented as "**n**" on the display) will remain illuminated until you perform one of the following actions:

- Turn PrivatePage **OFF**
-

If desired, press **PAGE** again to re-send the current message code to the pager.

5. Press **CANCEL**, then repeat steps 3 and 4 if you want to transmit another message code.

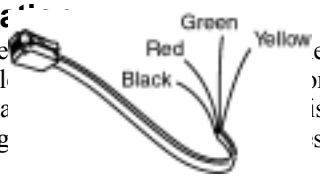
Alarm notification paging

PrivatePage is equipped with two dry contact closures that when triggered, each contact will page a single pager or group of pagers automatically.

On the back of PrivatePage, you will find an RJ-11 four-wire jack that is the contact connection.

The inside two wires are contact number one and the outside two wires are contact number two.

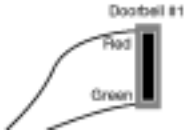
Installa



To conne ect a four-wire RJ-11 tel nnection on PrivatePa is cable to expose the red, g s.

Contact 1: Connect the red wire to one side on the contact block. Connect the green wire to the other side on the contact block.

Contact 2: Connect the black wire to one side on the contact block. Connect the yellow wire to the other side on the contact block.



Connect to
PrivatePage jack

When either contact is momentarily closed and then opened (in the case of a doorbell trigger), PrivatePage will automatically page the pre-assigned pager.

IMPORTANT - ALARM NOTIFICATION INSTALLATION

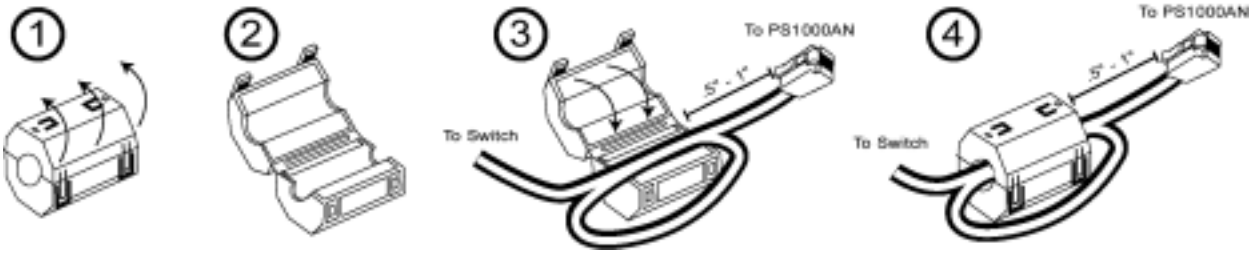
When using dry contact closures on the alarm jack connector, some units may display erratic behavior caused by RF interference. This erratic operation includes sending incorrect pager codes and unexpected characters on the LED display. To eliminate this, a snap on RF choke is needed.

Two chokes are available from Radio Shack that work (P/N 273-104 or P/N 273-105). The illustrations below show the installation of the chokes on the cable. **The chokes should be located within one inch of the modular connector that plugs into the connector on the rear of the PS1000AN.**

Radio Shack #273-105

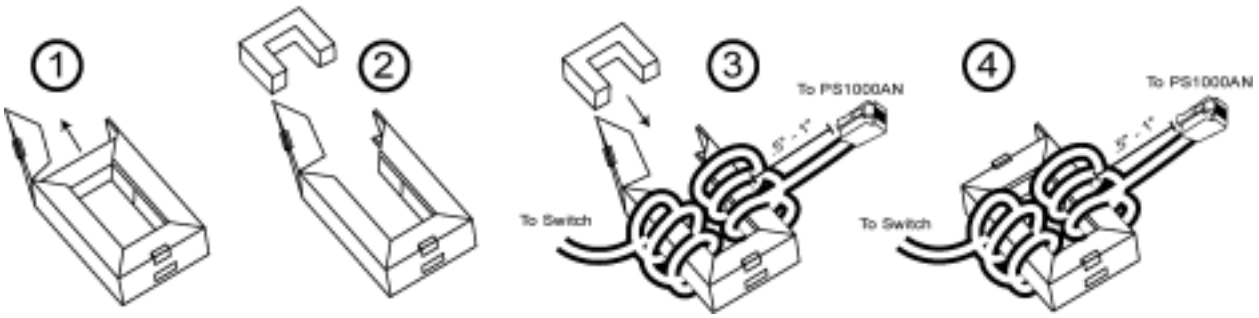
Radio Shack #273-104

PrivatePage Operator's Guide



To connect part #273-105, follow these steps:

1. Unsnap the clips on the choke.
2. Open the choke.
3. Wrap the cable around the choke several times (as many as possible).
4. Snap the choke closed (avoid routing the cable near the antenna).



To connect part #273-104, follow these steps:

1. Unsnap the clip and open the choke.
2. Remove the inner portion of the choke form.
3. Wrap the cable around the choke several times on both sides (as many as possible) and re-insert the form.
4. Snap the choke closed (avoid routing the cable near the antenna).

Storing the pager assignment:

Contact 1 memory position:

1. Turn PrivatePage power **ON**.

2. Press the **CANCEL** button to clear the display.

3. Press the **PROGRAM** button (the display will flash) then press the **1** button. The display will momentarily show what is stored in the memory position, then **_ _ _ _** will appear in the display.

4. Enter the three-digit pager assignment number and the digit to be displayed. Example: 3526.

5. After the four-digit code has been entered into the memory position, PrivatePage will display **_ _ _ _** again to show that the new entry has been stored.

Contact 2 memory position:

1. Press the **CANCEL** button to clear the display.

2. Press the **PROGRAM** button (the display will flash)
then press the **2** button. The display will momentarily show what is stored in the memory position, then **_ _ _ _** will appear in the display.

3. Enter the three-digit pager assignment number and the digit to be displayed. Example: 3527.

4. After the four-digit code has been entered into the memory position, the PrivatePage will display **_ _ _ _** again to show that the new entry has been stored.

A group or all pagers can be activated from either contact (see Transmitting a message code to a group of pagers).

Contact priority paging sequence

When PrivatePage is in a normal paging cycle (the base unit is transmitting a signal to a pager) and either of the two contacts is triggered, PrivatePage will override the current paging selection and page the pager(s) assigned to the contact memory.

If Contact 1 is triggered and PrivatePage is paging the assigned pagers, and then Contact 2 is triggered, PrivatePage will ignore Contact 2 and continue to page the pagers assigned to Contact 1.

If Contact 2 is in a paging cycle, and Contact 1 is triggered, PrivatePage will immediately stop paging the pagers assigned to Contact 2, and start paging the pager(s) assigned to Contact 1. In other words, Contact 1 can override Contact 2, but Contact 2 cannot override Contact 1.

Receiving a message code

it sounds 12 beeps and flashes the received message code on its display, unless you press the **ON/OFF** switch to silence the pager before it finishes beeping. Press **ON/OFF** to silence the pager when it beeps again,

stop the pager from beeping every 60 seconds.

(If the P01 is set to it will flash only when receiving a message code.)

VP100 pager

The VP100 pager…Need Info.

VP101 pager

The VP101 pager has two modes of operation as follows:

1. In the tone mode the pager beeps when it receives a message. The pager sounds 12 beeps and flashes the received message code on its display, unless you press the **ON/OFF** switch to reset. Press **ON/OFF** to silence the pager when it beeps again, or the pager beeps once about every 60 seconds to remind you that there is a new message.

Press **ON/OFF** to silence the pager from beeping every 60 seconds.

2. In the vibrating mode the pager vibrates when it receives a message. The pager vibrates for 3 1/2 seconds and flashes the received message code on its display.

Press **ON/OFF** to reset the pager, or the pager beeps once about every 60 seconds to remind you that there is a new message.

Press **ON/OFF** to silence the pager from beeping every 60 seconds.

Reviewing stored message codes

The pagers can store eight message codes. Repeatedly press **ON/OFF** to view the stored message codes one by one, from newest to oldest. A dash (-) indicates the end of the stored message codes.

When the memory is full and a new message is received, the oldest message code is deleted from memory.

If a new message code is identical to the last message received, it is not stored.

All stored message codes are erased when you turn the pager **OFF**.

Troubleshooting -- helpful hints

After following all operating procedures, PrivatePage isn't reaching my pagers. What can I do to increase the range of transmission?

1. Adjust or reposition the antenna to obtain optimum transmitting range.
2. Connect a base station antenna to substantially increase PrivatePage's transmitting range.

What can I do if my pager doesn't display a message code?
1. Review operating procedures and try again.
2. Check the pager's batteries.

What do I do if my pager won't receive a message code?
1. Verify the PrivatePage system code and correct pager code.
2. Complete the steps to store the pager code.

How can I use two PrivatePage base units with multiple pagers?
1. Set both of the PrivatePage base units to the same system code.

One year limited warranty/Service information

WARRANTOR: Command Communications, Inc.

ELEMENTS OF WARRANTY: Command Communications, Inc. warrants, for the duration of this warranty, the PrivatePage PS1000AN (hereafter referred to as the "Product") to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty shall terminate and be of no further effect one year after the date of original purchase of the Product or at the time the Product is (A) damaged or not maintained as reasonable and necessary, (B) modified, (C) improperly installed, (D) repaired by someone other than the warrantor for defect or malfunction covered by this warranty, (E) used in a manner or purpose for which the Product was not intended, (F) damaged by an act of God (such as a lightning strike), or (G) sold by the original purchaser.

STATEMENT OF REMEDY: In the event the product does not conform to this warranty at any time that this warranty is in effect, the warrantor shall repair the defect, return it to you without charge for parts, service, or any other costs incurred by the warrantor or its representative in connection with the performance with this warranty.

This warranty does not cover or provide for the reimbursement or payment of incidental or consequential damages. Some states do not allow this exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

2. Enclose a copy of the bill of sale or other documentation showing original purchase date.
3. Contact the dealer where you purchased the PS1000AN, or call the service center listed below to obtain a return material authorization number (RMA #).
4. Mail the above prepaid and insured to the warrantor at:

Command Communications, Inc.
7025 South Fulton Street, #120
Englewood, CO 80112
(303) 792-0870
Fax (303) 792-0899

Customer Service: 1-888-843-4399
Customer Service email: ccitech@commandcom.net
Web Site: www.commandcommunications.net

Command Communications, Inc. cannot be held responsible for any loss or damage in transit.

Please retain proof of purchases to establish date of original purchase. Your warranty starts with the date of original purchase.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have rights that vary from state to state.

Though every effort has been made to ensure accuracy, these instructions may include technical or typographical errors. Content of these instructions may be changed from time to time due to product improvement. These changes will be incorporated in new editions of these instructions. We disclaim liability for any changes, errors, or omissions.

NOTE: Any unit returned without an RMA # clearly marked on the exterior package will be refused and returned at the sender's expense.

International return policy

Command Communications, Inc. does not guarantee that this product will be compatible with the telecommunications systems of all countries. Modifications may have been made to the product in order to function in certain locations. Therefore, it is best to purchase our products in the country in which it will be used.

If this product is purchased outside the U.S. from an authorized Command Communications' dealer, it should be returned for repair at the location where it was purchased, as provisions have been established to handle warranty repair outside the U.S.

If you send the product directly to Command Communications for repair, you will be responsible to pay all freight, handling, and Custom charges (both ways).

FCC Rules Part 95

WARNING: Do not make adjustments that could result in a violation of the rules or that are recommended to be performed by or under the immediate supervision and responsibility of a person certified as technically qualified to perform transmitter maintenance and repair duties in the private land mobile services and fixed services by an organization or committee representative of users of those services.

WARNING: Replacement of any transmitter component (crystal, semiconductor, etc.) could result in a violation of

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